



PTO/SB/17 (10-08)

Approved for use through 06/30/2010. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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|  |  |                          |                        |                     |                 |
|--|--|--------------------------|------------------------|---------------------|-----------------|
| <b>FEE TRANSMITTAL</b><br><b>For FY 2009</b><br><br><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  | <b>Complete if Known</b> |                        |                     |                 |
|  |  | Application Number       | 10/567,710-Conf. #3885 |                     |                 |
|  |  | Filing Date              | February 7, 2006       |                     |                 |
|  |  | First Named Inventor     | Shigeru Nishio         |                     |                 |
|  |  | Examiner Name            | A. C. Witkowski        |                     |                 |
| TOTAL AMOUNT OF PAYMENT  |  | (\$)                     | 1,810.00               | Attorney Docket No. | 64846RCE(70904) |

**METHOD OF PAYMENT** (check all that apply)

|  |   |                                      |   |   |
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| <input type="checkbox"/> Check   | <input type="checkbox"/> Credit Card  | <input type="checkbox"/> Money Order | <input type="checkbox"/> None                           | <input type="checkbox"/> Other (please identify): _____ |
| <input checked="" type="checkbox"/> Deposit Account  | Deposit Account Number: 04-1105   |                                      | Deposit Account Name: Edwards Angell Palmer & Dodge LLP |   |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)                 |   |                                      |   |   |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below  | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |                                      |   |   |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                       |                                      |   |   |

**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

| Application Type | FILING FEES |                       | SEARCH FEES |                       | EXAMINATION FEES |                       | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
|                  | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)    | Small Entity Fee (\$) | Fee (\$)         | Small Entity Fee (\$) |                |
| Utility          | 330         | 165                   | 540         | 270                   | 220              | 110                   |                |
| Design           | 220         | 110                   | 100         | 50                    | 140              | 70                    |                |
| Plant            | 220         | 110                   | 330         | 165                   | 170              | 85                    |                |
| Reissue          | 330         | 165                   | 540         | 270                   | 650              | 325                   |                |
| Provisional      | 220         | 110                   | 0           | 0                     | 0                | 0                     |                |

**2. EXCESS CLAIM FEES**

| Fee Description                                    | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues)            | 52       | 26                    |
| Each independent claim over 3 (including Reissues) | 220      | 110                   |
| Multiple dependent claims                          | 390      | 195                   |

|  |                     |                 |                      |                                  |                 |                      |
|--|---------------------|-----------------|----------------------|----------------------------------|-----------------|----------------------|
| <b>Total Claims</b>  | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> | <b>Multiple Dependent Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |
| - 23 or HP   | x                   | =               |                      |                                  |                 |                      |
| HP = highest number of total claims paid for, if greater than 20.      |                     |                 |                      |                                  |                 |                      |
| <b>Indep. Claims</b>   | <b>Extra Claims</b> | <b>Fee (\$)</b> | <b>Fee Paid (\$)</b> |                                  |                 |                      |
| - 16 or HP   | x                   | =               |                      |                                  |                 |                      |
| HP = highest number of independent claims paid for, if greater than 3. |                     |                 |                      |                                  |                 |                      |

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| - 100 =      | /50 =        | (round up to a whole number) x                   | =        |               |

**4. OTHER FEE(S)**

|   | Fees Paid (\$) |
|---|----------------|
| Non-English Specification, \$130 fee (no small entity discount) |                |
| Other (e.g., late filing surcharge): 1501 Utility issue fee     | 1,510.00       |
| 1504 Publication fee for early, voluntary, or normal ...        | 300.00         |

|                     |                        |                                   |                |
|---------------------|------------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                        |                                   |                |
| Signature           | <i>David A. Tucker</i> | Registration No. (Attorney/Agent) | 27,840         |
| Name (Print/Type)   | David A. Tucker        | Telephone                         | (617) 517-5508 |
|                     |                        | Date                              | March 24, 2010 |



Approved for use through 06/30/2010. OMB 0651-0032  
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|   |  |                          |                        |
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| <b>Effective on 12/08/2004.</b><br><b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b><br><b>FEE TRANSMITTAL</b><br><b>For FY 2009</b> |  | <b>Complete if Known</b> |                        |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |  | Application Number       | 10/567,710-Conf. #3885 |
| <b>TOTAL AMOUNT OF PAYMENT</b>  |  | Filing Date              | February 7, 2006       |
| (\$)  |  | First Named Inventor     | Shigeru Nishio         |
| 1,810.00  |  | Examiner Name            | A. C. Witkowski        |
|   |  | Art Unit                 | 2853                   |
|   |  | Attorney Docket No.      | 64846RCE(70904)        |

|  |   |
|--|---|
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| <input type="checkbox"/> Money Order   | <input type="checkbox"/> None   |
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| <input checked="" type="checkbox"/> Deposit Account  | Deposit Account Number: 04-1105   |
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| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments                       |

|   |                    |                              |   |                              |                                  |                              |                              |
|---|--------------------|------------------------------|---|------------------------------|----------------------------------|------------------------------|------------------------------|
| <b>FEE CALCULATION</b>  |                    |                              |   |                              |                                  |                              |                              |
| <b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>  |                    |                              |   |                              |                                  |                              |                              |
|   | <b>FILING FEES</b> |                              | <b>SEARCH FEES</b>                                      |                              | <b>EXAMINATION FEES</b>          |                              |                              |
| <b>Application Type</b>   | <b>Fee (\$)</b>    | <b>Small Entity Fee (\$)</b> | <b>Fee (\$)</b>   | <b>Small Entity Fee (\$)</b> | <b>Fee (\$)</b>                  | <b>Small Entity Fee (\$)</b> | <b>Fees Paid (\$)</b>        |
| Utility   | 330                | 165                          | 540   | 270                          | 220                              | 110                          |                              |
| Design  | 220                | 110                          | 100   | 50                           | 140                              | 70                           |                              |
| Plant   | 220                | 110                          | 330   | 165                          | 170                              | 85                           |                              |
| Reissue   | 330                | 165                          | 540   | 270                          | 650                              | 325                          |                              |
| Provisional   | 220                | 110                          | 0   | 0                            | 0                                | 0                            |                              |
| <b>2. EXCESS CLAIM FEES</b>   |                    |                              |   |                              |                                  |                              |                              |
| <b>Fee Description</b>  |                    |                              |   |                              |                                  | <b>Fee (\$)</b>              | <b>Small Entity Fee (\$)</b> |
| Each claim over 20 (including Reissues)   |                    |                              |   |                              |                                  | 52                           | 26                           |
| Each independent claim over 3 (including Reissues)  |                    |                              |   |                              |                                  | 220                          | 110                          |
| Multiple dependent claims   |                    |                              |   |                              |                                  | 390                          | 195                          |
| <b>Total Claims</b>   |                    | <b>Extra Claims</b>          | <b>Fee (\$)</b>   | <b>Fee Paid (\$)</b>         | <b>Multiple Dependent Claims</b> |                              |                              |
| - 23 or HP  |                    | x                            | =   |                              | <b>Fee (\$)</b>                  |                              | <b>Fee Paid (\$)</b>         |
| HP = highest number of total claims paid for, if greater than 20.   |                    |                              |   |                              |                                  |                              |                              |
| <b>Indep. Claims</b>  |                    | <b>Extra Claims</b>          | <b>Fee (\$)</b>   | <b>Fee Paid (\$)</b>         |                                  |                              |                              |
| - 16 or HP  |                    | x                            | =   |                              |                                  |                              |                              |
| HP = highest number of independent claims paid for, if greater than 3.  |                    |                              |   |                              |                                  |                              |                              |
| <b>3. APPLICATION SIZE FEE</b>  |                    |                              |   |                              |                                  |                              |                              |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$270 (\$135 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). |                    |                              |   |                              |                                  |                              |                              |
| <b>Total Sheets</b>   |                    | <b>Extra Sheets</b>          | <b>Number of each additional 50 or fraction thereof</b> | <b>Fee (\$)</b>              | <b>Fee Paid (\$)</b>             |                              |                              |
| - 100 =   |                    | /50 =                        | (round up to a whole number) x                          | =                            |                                  |                              |                              |
| <b>4. OTHER FEE(S)</b>  |                    |                              |   |                              |                                  |                              |                              |
| Non-English Specification, \$130 fee (no small entity discount)   |                    |                              |   |                              |                                  | <b>Fees Paid (\$)</b>        |                              |
| Other (e.g., late filing surcharge): 1501 Utility issue fee   |                    |                              |   |                              |                                  | 1,510.00                     |                              |
| 1504 Publication fee for early, voluntary, or normal ...  |                    |                              |   |                              |                                  | 300.00                       |                              |

|                     |                        |                                   |                |
|---------------------|------------------------|-----------------------------------|----------------|
| <b>SUBMITTED BY</b> |                        |                                   |                |
| Signature           | <i>David A. Tucker</i> | Registration No. (Attorney/Agent) | 27,840         |
| Name (Print/Type)   | David A. Tucker        | Telephone                         | (617) 517-5508 |
|                     |                        | Date                              | March 24, 2010 |



Application No. (if known): 10/567,710

Attorney Docket No.: 64846RCE(70904)

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